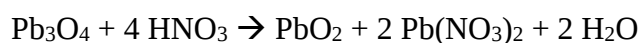
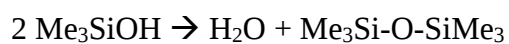


Exercise VII

1) Which of the following reactions is a disproportionation?



2) Which statement about silicates is incorrect?

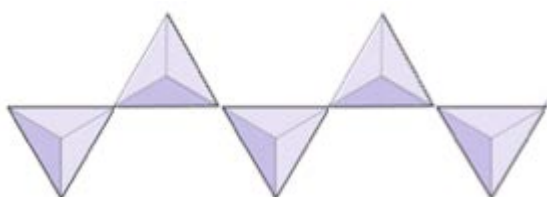
Si is 4-coordinate

Some silicates contain isolated molecular ions

Talc and mica are examples of silicates with chain structures

Zeolites are aluminosilicates

3) What is the formula and charge of the anion in (single) chain silicates



4) What are differences in the chemical reactivity of silanes vs. alkanes?

5) What is the difference between silicones and silicates ?